

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/10/2015, 9/8/2015, 9/9/2015	Man Days: 3
Inspection Unit: Jerseyville/Virden	
Location of Audit: Jerseyville	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Chris Juliusson	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>Customer meter and regulators were inspected at the following locations in Loami, Illinois.</i> 104 West Center Street 308 East Center Street Baptist Church Dugan Oil 407 North Main Street 310 East Elm Street 711 North Main Street 205 East Elm Street 124 South Main Street 7011 Lake Estate		

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7088 Lake Estate
7091 Lake Estate
7090 Lake Estate
7032 Lake Estate
7027 Lake Estate
7081 Lake Estate
7080 Lake Estate
7029 Lake Estate

[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>Regulators that were inspected had screens in them and were pointed down to keep rain out.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u> <i>Regulators were set to let gas escape into the atmosphere and away from buildings.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
<u>General Comment:</u> <i>The area that was inspected was not in a flood plain.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u> <i>Meter piping was placed to Minimize stress upon piping.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u> <i>All meter sets were set outside and vented to the atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u> <i>The meter had a 5 pound rating and was below the pressure going through it.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u> <i>The shutoff valve was before the regulator and meter.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Satisfactory
<u>General Comment:</u> <i>The service line has no underground valves located in curb boxes or standpipes in this area.</i>		

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[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
<u>General Comment:</u> <i>Staff did not inspect any meter sets that were disconnected from service during this audit.</i>		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
<u>General Comment:</u> <i>Cathodic corrosion reading that were taken meet the code requirements.</i>		
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u> <i>Pipe to soil readings were taken on isolated mains and service lines, with the reading being listed in the isolated section of this checklist.</i>		
[192.465(b)]	Were rectifier installations inspected?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect rectifiers during this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Satisfactory
<u>General Comment:</u> <i>Pipe to soil reading were taken at the following location listed below.</i> 104 West Center Street -1.21 308 East Center Street -1.23 Baptist Church -1.22 Dugan Oil -1.31 407 North Main Street -1.20 310 East Elm Street -1.20 711 North Main Street -1.19 205 East Elm Street -1.20 124 South Main Street -1.24 7011 Lake Estate -1.15 7088 Lake Estate -1.27 7091 Lake Estate -1.23 7090 Lake Estate -1.26 7032 Lake Estate -1.24 7027 Lake Estate -1.23 7081 Lake Estate -1.23 7080 Lake Estate -1.20 7029 Lake -1.24		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u> <i>Critical or non-critical bonds were not inspected during this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory

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<u>General Comment:</u>		
<i>Electrical isolation was being provided by insulated meter spuds.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u>		
<i>Staff did not inspect casings during this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u>		
<i>Above ground piping was painted in the area of this audit.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u>		
<i>No pitting was observed during this audit.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<u>General Comment:</u>		
<i>Ameren had a valid locate number for 24044 Hwy 16, Ameren Illinois had Mike Bridgewater locate the service line and gas main. The marks that had been placed on the ground were placed right over the service line and gas main. The Julie notification number for this job was X002511371.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u>		
<i>Locating had been performed in the specified timeframe of the Julie number.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u>		
<i>Temporary marking had been placed where the service line and gas main were located. Staff also inspected Julie marks at North Prairie Street in Shipman to the Shipman Elevator, these marks were right over the gas line to the elevator, with the Julie locate number being A002470743.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Not Checked
<u>General Comment:</u>		
<i>Line markers were inspected at the regulators stations during this audit.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Not Checked

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<u>General Comment:</u>		
<i>Line markers were inspected at the regulators stations during this audit.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
<u>General Comment:</u>		
<i>Line markers were inspected at the regulator stations where gas piping came above ground.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u>		
<i>Line markers that were inspected met the requirement of having the proper wording placed on them.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<u>General Comment:</u>		
<i>The line markers had the proper operators name and phone number placed on them, with the phone number being 1-800-755-5000.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<u>General Comment:</u>		
<i>Staff inspected the pressure control station component report for regulator stations.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
<u>General Comment:</u>		
<i>Regulator stations were being protected by distance or inside of a fenced off area.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
<u>General Comment:</u>		
<i>Gauges were inspected for inlet and outlet pressure at the regulator stations.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take	Not Checked

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	point?	
General Comment: <i>Staff did not go to the take point to inspect to see if Ameren has installed their overpressure protection valve.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
General Comment: <i>All regulator stations were supported with steel supports.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
General Comment: <i>All discharge vents were pointing to prevent rain, ice, and snow build up.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
General Comment: <i>Outside valves are all locked by a pin in the open position.</i>		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
General Comment: <i>Valves were inspected at each regulator station and are listed below.</i> <i>Station Id 250039 valve number 250F039</i> <i>Station Id 250048 valve number 250F048</i> <i>Station Id 250056 valve number 250F056</i> <i>Station Id 250047 valve number 250R407</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
General Comment: <i>Odor readings were taken at the following locations in Jerseyville.</i> <i>Jerseyville Hospital .05% and .06%</i> <i>Ameren Garage Shop .08 and .13%</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
General Comment: <i>Tank levels were not inspected during this audit.</i>		

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[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
<u>General Comment:</u> <i>Heath Odorator 2 calibrated on 2-26-15 to 2-26-16.</i>		
TRANSMISSION		Status
<u>Category Comment:</u> <i>The system does not contain transmission pipelines.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Applicable
[192.745(a)]	Were the valves inspected accessible?	Not Applicable
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Applicable
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Applicable
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> <i>Staff inspected gas pipe and fittings, and they were properly marked.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> <i>Staff did not complete a protocol 15 form during this audit.</i>		

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